WHAT IS CLAIMED IS:

1. A fuel system part consisting of a resin composition,

wherein the resin composition comprises (a) a polyphenylene sulfide resin and (b) an olefin based resin,

wherein an amount of the (a) polyphenylene sulfide resin and the (b) olefin based resin is 80 weight % or more of the entire resin composition, and the content of the (b) olefin based resin is 10 to 100 parts by weight relevant to 100 parts by weight of the (a) polyphenylene sulfide resin, and

wherein the resin composition has a fuel permeability coefficient (Fuel C/ethanol=90/10) of 3.3×10^{-16} $mol \cdot m/m^2 \cdot s \cdot Pa$ or less at 40°C.

2. A fuel system part according to claim 1, wherein the resin composition has 30% or more tensile elongation at break measured in accordance with ASTM-D638 under the condition that the temperature is 23°C and the relative humidity is 50%.

3. A fuel system part according to claim 1, wherein the resin composition has 100 J/m or more Izod impact strength which is measured in accordance with ASTM-D256.

4. A fuel system part according to claim 1, wherein the (b) olefin based resin is an olefin based copolymer, wherein α-olefin of 60 to 99% by weight and α,β-unsaturated carboxylic glycidyl ester of 1 to 40% by weight are copolymerized.

5. A fuel system part according to claim 1, wherein

the (b) olefin based resin is dispersed in the resin composition at an average particle diameter of 0.5 micron or less.

6. A fuel system part according to claim 1, wherein the (b) olefin based resin comprises olefin based (co)polymer having a functional group selected from a group including epoxy group, acidic anhydride group and metal complex carboxylate, and one or more kinds of the other olefin based (co)polymers,

wherein the resin composition has 50% or more of the tensile elongation at break measured in accordance with ASTM-D638 under the condition that the temperature is 23°C and the relative humidity is 50%.